Candy (View)

There are `n` children standing in a line. Each child is assigned a rating value given in the integer array `ratings`.

You are giving candies to these children subjected to the following requirements:

- Each child must have at least one candy.
- Children with a higher rating get more candies than their neighbors.

Return *the minimum number of candies you need to have to distribute the candies to the children*.

Example 1:

```
Input: ratings = [1,0,2]

Output: 5

Explanation: You can allocate to the first, second and third child with 2, 1, 2
candies respectively.
```

Example 2:

```
Input: ratings = [1,2,2]

Output: 4

Explanation: You can allocate to the first, second and third child with 1, 2, 1
candies respectively.

The third child gets 1 candy because it satisfies the above two conditions.
```

Constraints:

- `n == ratings.length`
- `1 <= n <= 2 * 10⁴`
- `0 <= ratings[i] <= 2 * 10⁴`